|               |  |              |          |                    |           |          |          |          |            |                 |       |          |          | 10/777,061 |                 |               |  |                |                |                 |          |          |  | KAWAHARA ET AL. |          |                 |          |         |                    |                |                 |               |   |   |
|---------------|--|--------------|----------|--------------------|-----------|----------|----------|----------|------------|-----------------|-------|----------|----------|------------|-----------------|---------------|--|----------------|----------------|-----------------|----------|----------|--|-----------------|----------|-----------------|----------|---------|--------------------|----------------|-----------------|---------------|---|---|
|               |  |              |          |                    |           |          |          |          |            |                 |       |          |          | Examiner   |                 |               |  |                |                |                 |          |          |  | Art Unit        |          |                 |          |         |                    |                |                 |               |   |   |
| 1             | THE PROPERTY OF THE PROPERTY O |              |          |                    |           |          |          |          |            |                 |       |          |          |            | Tho v. Duong    |               |  |                |                |                 |          |          |  |                 | 3744     |                 |          |         |                    |                |                 | <del></del> - |   |   |
|               |  | √ Rejected _ |          |                    |           |          |          |          |            | (Through numera |       |          |          |            |                 |               |  |                | Non-Elected    |                 |          | A        | Appeal   |                 |          |                 |          |         |                    |                |                 |               |   |   |
|               |  | <b></b>      |          |                    |           |          |          | _        | Restricted |                 |       |          |          |            |                 | ┥             | ł  | I Interference |                |                 |          |          |  | 0               | Objected |                 |          |         |                    |                |                 |               |   |   |
| •             |  | = Allowed    |          |                    |           |          |          | l        | +          |                 |       | · ·      | ·        |            |                 |               | [  |                |                | I interiorence  |          | ]        | Ц  |                 |          |                 | لـ       |         | _                  |                |                 |               |   |   |
| C             | aim  |              |          |                    |           |          |          | _        | _          |                 | Claim |          |          |            | _               | Dat           |  |                | _              |                 | _        | 7        | CI   | aim             | Ц        |                 |          | Dat     | e                  |                |                 |               |   |   |
| Final         | Original   | 10/24/06     |          |                    |           |          |          |          |            |                 |       | Final    | Original |            |                 |               |  |                |                |                 |          |          | Final  | Original        |          |                 |          |         |                    |                |                 |               |   |   |
|               | ڮٙ   |              |          |                    |           |          |          |          |            | Ш               |       | <u>u</u> |          |            |                 |               |  |                |                | 1               | $\perp$  | _        |  |                 | Ш        |                 | $\perp$  | $\perp$ |                    |                | $\perp$         |               |   |   |
|               |  | 1            |          | 4                  | $\Box$    | _        | _        | _        |            | Ш               |       |          | 51       | Н          | $\dashv$        | 4             | 4  | 4              | +              | +               | +        | 4        | <u> </u>   | 101<br>102      | ╌        | +               | +        | +-      | $\vdash$           |                | +               | 4             |   |   |
| $\vdash$      | 1  | 1            | Н        | ┥                  | ┪         | $\dashv$ | +        | ᅥ        | _          | Н               |       |          | 52<br>53 | Н          | $\dashv$        | ᅱ             | ┪  | $\dashv$       | +              | +               | +        | ┨        | $\vdash$   | 103             | Н        | $\dashv$        | +        | +       | H                  | $\dashv$       | +               | ┨             |   |   |
| $\vdash$      | 1 4  | i            |          |                    | $\exists$ |          |          | ᅥ        | _          | Н               |       |          | 54       |            |                 |               |  |                | I              | 1               | 土        | _        |  | 104             |          |                 | 1        | 土       |                    |                | ╧               | ]             |   |   |
|               | 1 5  | 1            |          |                    |           |          | $\Box$   |          |            |                 |       |          | 55       |            |                 |               | _  | Ц              | 1              | 4               | $\bot$   | 4        |  | 105             |          |                 | $\perp$  | $\perp$ |                    |                | +               | 4             |   |   |
| <u> </u>      | 4  | 1            | $\sqcup$ | -                  | -         |          |          |          |            | Н               | Ì     |          | 56<br>57 | Н          | 4               | $\dashv$      | $\dashv$   | 4              | $\dashv$       | +               | +        | ┦.       | $\vdash$   | 106<br>107      | Н        | $\dashv$        | ╫        | ╀       | ⊢                  | Н              | +               | $\dashv$      |   |   |
| -             | 1  | 1            | Н        | ┥                  | $\vdash$  | $\dashv$ | ┪        | $\dashv$ | Н          | Н               |       | H        | 58       | Н          | $\overline{}$   |               | +  | ┪              | $\dashv$       | 十               | +        | -        | ┢  | 108             | $\vdash$ | $\dashv$        | 十        | ╁       |                    | Н              | +               | 1             |   |   |
|               | 9  | V            | Н        | ┪                  | $\dashv$  | 1        | ┪        |          |            | Н               |       |          | 59       |            |                 |               |  |                |                | 工               | I        | ]        |  | 109             |          |                 |          | I       |                    |                |                 | ]             |   |   |
|               | 10   | V            |          | $\Box$             |           | $\Box$   | $\Box$   |          |            | П               |       |          | 60       |            |                 |               | -1   | $\Box$         |                | 4               | 4        | 4.       | <u> </u>   | 110             |          | $\dashv$        | 4        | $\perp$ |                    | Ш              | $\perp$         | 4             |   |   |
| <u> </u>      | 11   | 1            |          | $\dashv$           |           | -        |          | -        | <u> </u>   | Ы               |       | -        | 61<br>62 | Н          | Н               |               | $\dashv$   | $\dashv$       | -              | +               | +        | ┨        | ├  | 111<br>112      | H        | $\dashv$        | +        | ╬       | ╁                  | Н              | +               | $\dashv$      |   |   |
| $\vdash$      | 12<br>13   |              | Н        | ᅥ                  | ᅱ         | $\dashv$ | $\dashv$ |          | H          | Н               |       | ┝        | 63       | Н          | $\vdash$        | $\dashv$      | -1   | ┪              | -              | -†              | 十        | 1        | $\vdash$   | 113             |          | H               | $\dashv$ | +-      | ╁                  | Н              | 十               | 1             |   |   |
|               | (14)   |              |          |                    |           | ╗        | ┪        |          |            |                 |       |          | 64       |            |                 |               |  |                |                |                 |          |          |  | 114             |          |                 | $\Box$   | I       |                    |                |                 |               |   |   |
|               | 115  | V            |          |                    | $\Box$    |          |          |          |            |                 |       |          | 65       |            |                 |               | Ц  | $\Box$         | $\Box$         | 1               | 4        | 4        |  | 115             |          | Н               | _ -      | -       | <b> </b>           |                | $\perp$         | 4             |   |   |
| _             | 16   | 1            | Н        | $\dashv$           | $\dashv$  |          | $\dashv$ |          | _          | Н               |       | <u> </u> | 66<br>67 | H          | $\vdash$        |               | +  | $\dashv$       | $\dashv$       | ᅪ               | +        | -        | <u> </u>   | 116<br>117      | ┝        | H               | +        | ╁       | -                  | Н              | $\dashv$        | $\dashv$      |   |   |
| -             | 18   |              | Н        | $\dashv$           | $\dashv$  | ᅱ        | ᅱ        | Н        | ⊢          | Н               |       |          | 68       |            | H               | -             | -  | $\dashv$       | $\dashv$       | 十               | +        | ┪        | <del>                                     </del> | 118             | H        | H               | - -      | +       | t                  |                | 士               | 1             |   |   |
|               | 19   | Ė            |          |                    |           |          |          |          |            |                 |       |          | 69       |            |                 |               |  |                |                |                 |          | ]        |  | 119             |          | $\Box$          | $\Box$   | I       |                    | П              |                 |               |   |   |
|               | 20   | oxdot        |          |                    | $\dashv$  | _        |          | 1        |            |                 |       |          | 70       |            | $\Box$          |               | _  | _              | _              | +               | 4        | 4        | <u> </u>   | 120             | ├-       | ┞               | +        | +       | ╀╌                 | $\vdash$       |                 | 4             |   |   |
| <del> -</del> | 21<br>22   | ╁            | H        | ᅱ                  | -         | $\dashv$ |          | H        | ├          | Н               |       | <u> </u> | 71<br>72 | H          | Н               | -             | $\dashv$   | ᅱ              | -              | $\dashv$        | +        | $\dashv$ | -  | 121             | ├        | $\vdash$        | ╁        | +       | $\vdash$           | Н              | +               | ۲.            |   |   |
| -             | 23   | +            | Н        |                    | ┪         | ┪        | $\dashv$ | _        | ┢          | ╁╴              |       | _        | 73       | H          | Н               |               | $\dashv$   |                |                |                 | 1        | _        |  | 123             |          |                 | 土        | 土       |                    |                |                 | ı             |   |   |
|               | 24   | T.           | П        |                    |           |          |          |          |            |                 |       |          | 74       |            |                 |               |  |                |                |                 | I        |          |  | 124             | $\Box$   | П               | $\perp$  | $\perp$ |                    |                |                 |               |   |   |
|               | 25   | Г            |          |                    |           |          |          |          |            | L               |       |          | 75       | <u> </u>   |                 |               |  | _              | $\dashv$       | -               | +        | 4        | <u> </u>   | 125<br>126      |          | ╌┤              | +        | +       | ╁—                 | Н              | -               | $\dashv$      |   | • |
| -             | 26<br>27   | ╄            | H        |                    | $\dashv$  |          |          | -        | -          | ╌               |       | -        | 76<br>77 | ┝          | -               | ÷             | $\dashv$   | -              | -              | $\dashv$        | +        | $\dashv$ | $\vdash$   | 127             | ╁╌       | ╂═┼             | ╅        | ╅       | $\vdash$           |                | $\vdash$        | ┥             |   |   |
| <u> </u>      | 28   | +            | H        | -                  | $\dashv$  |          |          | Н        | $\vdash$   | ┢               |       | 一        | 78       | 一          |                 |               |  | $\dashv$       | $\dashv$       | 7               | 十        | ┪        |  | 128             | T        | $\Box$          | 1        | $\top$  |                    |                |                 | <b>1</b>      |   |   |
|               | 29   |              |          | $\overline{\cdot}$ |           |          |          |          |            |                 |       |          | 79       |            |                 |               |  |                |                | $\Box$          | $\Box$   |          |  | 129             |          | П               | $\dashv$ | 1       | $oxed{\mathbb{L}}$ |                | $\Box$          | $\Box$        |   |   |
|               | 30   |              | $\Box$   |                    |           |          |          |          | L          | <del> </del>    |       | <u> </u> | 80       | $\vdash$   | $oxed{\square}$ | L             | Ц  | _              |                | _               | +        | 4        | <u></u>  | 130             |          | $\square$       | -        | +       | +-                 | -              | $\vdash$        | $\dashv$      |   |   |
| $\vdash$      | 31   | +            | $\vdash$ | Н                  | Н         | Н        | Н        | -        | ╁          | $\vdash$        |       | _        | 81<br>82 | $\vdash$   | $\vdash$        | <del> -</del> | Н  |                | Н              | -+              | $\dashv$ | $\dashv$ | -  | 131             |          | ┥               | +        | +-      | +                  | <del>  -</del> | $\vdash \vdash$ | $\dashv$      |   |   |
| -             | 33   | +-           | $\vdash$ | Н                  | Н         | Н        | Н        | Н        | $\vdash$   | 1-              |       |          | 83       | $\vdash$   | Н               | 1             | H  |                | H              | +               | _        | J        |  | 133             |          | Ħ               |          | 丁       | 上                  |                |                 | J             |   |   |
|               | 34   | L            |          |                    |           |          |          |          |            |                 |       |          | 84       |            |                 |               |  |                |                |                 | I        | ]        |  | 134             |          | П               | $\Box$   | $\bot$  | 1                  | Г              | $\Box$          | $\Box$        |   |   |
|               | 35   |              |          | 匚                  |           |          | L        | L        | Ĺ          | F               | l     |          | 85       | F          | Ĺ               | _             | Ц  |                | Ц              |                 | +        | 4        | <b>—</b>   | 135             |          | $\vdash \vdash$ | $\dashv$ | +       | +                  | ⊢              | $\vdash \vdash$ | $\dashv$      |   |   |
| $\vdash$      | 36   |              | ┝        | -                  | Н         | Н        | H        | $\vdash$ | ┝          | $\vdash$        | ŀ     | <b>—</b> | 86<br>87 | +          | -               | <del> -</del> | Н  |                | Н              | $\dashv$        | $\dashv$ | $\dashv$ | -  | 136             |          | ++              | +        | +-      | +                  | -              | $\vdash$        | $\dashv$      |   |   |
| -             | 37<br>38   |              | $\vdash$ | -                  | H         | H        | $\vdash$ |          | ┢          | ╁               | l     | -        | 88       | $\vdash$   | <del> -</del>   | $\vdash$      | H  |                | Н              | $\dashv$        | $\dashv$ | $\dashv$ | -  | 138             |          | 1-1             | _        | 士       | 士                  |                | 口               | ╛             |   |   |
|               | 39   |              | Τ        |                    |           | Г        |          |          |            |                 | ]     |          | 89       |            |                 |               |  |                |                |                 | $\Box$   |          |  | 139             | oxdot    | П               | $\Box$   | Į       | L                  |                | П               | $\Box$        |   |   |
|               | 40   |              | Ľ        |                    |           |          |          | Г        |            |                 | 1     |          | 90       | Γ          |                 | $\Box$        | $\Box$   |                |                | $\Box$          | 4        | 4        |  | 140             |          | $\sqcup$        | -        | -       | +                  | ╀              | $\vdash \vdash$ | $\dashv$      | • |   |
| <u> </u>      | 41   |              | ╀        | L                  | $\vdash$  | _        | ⊢        | $\vdash$ | $\vdash$   | ╀               | -     | <u> </u> | 91<br>92 | ╀          | ⊢               | -             | Н  |                | Н              | ├┼              | +        | $\dashv$ | $\vdash$   | 141             | +        | H               | $\dashv$ | +       | +                  | ╁              | -               | $\dashv$      |   |   |
| $\vdash$      | 42   |              | +        | $\vdash$           | $\vdash$  | H        | $\vdash$ | $\vdash$ | ╁          | +               | 1     | $\vdash$ | 93       | +-         | H               | -             |  |                | $\vdash$       | $\vdash \vdash$ | ╁        | $\dashv$ | $\vdash$   | 143             |          | H               | $\dashv$ | +       | T                  | t              | ┌┤              | ヿ             |   | _ |
|               | 44   |              | 1        | T                  | $\vdash$  |          |          |          | t          |                 | 1     |          | 94       | İ          | İ               |               |  |                |                |                 |          | ゴ        |  | 144             |          | П               | $\Box$   |         | 工                  |                |                 | コ             |   | • |
|               | 45   |              |          | E                  |           |          |          |          | L          | $\Box$          | ]     |          | 95       |            |                 |               |  |                |                |                 | ユ        |          |  | 145             |          | П               |          | $\perp$ | 1                  | 1              | $\sqcup$        | 4             |   |   |
|               | 46   |              | L        |                    |           | Ĺ        | L        | L        | L          | L               | 1     |          | 96       |            | Ŀ               | <b> </b>      | <u> </u>   | $\vdash$       | igspace        | ⊢∤              |          | $\dashv$ | -  | 146             |          | $\vdash$        | -        | +       | +                  | ╀              | $\vdash$        | $\dashv$      | • |   |
| -             | 47   |              | ╄        | $\vdash$           | ⊢         | -        | $\vdash$ | ┝        | ╁          | +               | 1     | -        | 97<br>98 | ╁          | $\vdash$        | ╀             | <del> -</del>                                    | H              | $\vdash$       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\vdash$   | 147             |          | +               | $\dashv$ | +       | ╁                  | 十              | H               | ᅱ             | • |   |
| -             | 49   | _            | +        | ╁╴                 | H         | +        | -        | $\vdash$ | +          | 十               | 1     | $\vdash$ | 99       | +          | H               | $\vdash$      | <del>                                     </del> | $\vdash$       | <del>  -</del> | -               | 7        | $\dashv$ | -  | 149             |          |                 | ╛        | 丁       |                    | I              |                 | ╛             |   |   |
|               | 50   |              |          | Ŀ                  |           |          |          |          | I          | İ               | 1     |          | 100      |            | L               | 匚             | Ŀ  |                |                | $\Box$          |          | <u>.</u> |  | . 150           |          | $\square$       |          | 工       | Ι.                 | 上              |                 |               |   |   |
|               |  |              |          |                    |           |          |          |          |            |                 |       |          |          |            |                 |               | _  |                |                |                 |          |          |  |                 |          |                 |          |         |                    |                |                 |               |   |   |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination